We Claim:

1. An apparatus for affixing an inductive element in association with a rod within an electrical circuit; said rod having a diametral dimension; said inductive element having a generally toroidal shape with an inductive element inner dimension; the apparatus comprising: a support member; said support member being flexible to a plurality of orientations, said plurality of orientations including an installing orientation and an installed orientation; said support member being substantially tubular with a first end, a second end, an inner wall defining a support member inner dimension and an outer wall defining a support member outer dimension; said support member inner dimension being substantially equal to or less than said diametral dimension; said support member flexing to said installation orientation when installing said inductive element; said installation orientation establishing said support member outer dimension at less than said inductive element inner dimension appropriately to allow sliding installation of said inductive element about said support element and said rod to an installed position; said installed position being achieved when said inductive element surrounds said support member and said rod with said inductive element situated intermediate said first end and said second end with said support member flexed to said installed orientation; said installed orientation establishing said support member outer dimension at greater than said inductive element inner dimension intermediate said inductive element and at least at one end of said first end and said second end.

2. An apparatus for affixing an inductive element in association with a rod within an electrical circuit as recited in Claim 1 wherein one end of said first end and said second end of said support member includes an integrally formed shoulder having an outer shoulder dimension greater than said inductive element inner dimension.

3. An apparatus for affixing an inductive element in association with a rod within an electrical circuit as recited in Claim 1 wherein said support member is comprised of electrically insulative material.

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4. An apparatus for affixing an inductive element in association with a rod within an electrical circuit as recited in Claim 1 wherein said support member inner dimension is appropriate to establish a gripping relation between said support member and said rod at at least one locus intermediate said first end and said second end in said installed orientation.

5. An apparatus for affixing an inductive element in association with a rod within an electrical circuit as recited in Claim 2 wherein said integrally formed shoulder provides an entry aperture for said rod; said entry aperture being configured for interference gripping by said shoulder element upon said rod appropriate to permit sliding installation forces to move said support member to an installed locus with respect to said rod with said inductive element in said installed position; said interference gripping being sufficient to resist dislodging said support member from said installed locus during normal operation of said electrical circuit.

6. An apparatus for affixing an inductive element in association with a rod within an electrical circuit as recited in Claim 2 or 5 wherein said support member is comprised of electrically insulative material.

7. An apparatus for affixing an inductive element in association with a rod within an electrical circuit as recited in Claim 2 or 5 wherein said support member inner dimension is appropriate to establish a gripping relation between said support member and said rod at at least one locus intermediate said first end and said second end in said installed orientation.

8. An apparatus for fixedly situating a toroidal element in encircling relation with a rod in an electrical circuit; said rod having a diametral dimension; said toroidal element having an inner toroidal dimension greater than said diametral dimension; the apparatus comprising a flexible tubular support element oriented substantially about a longitudinal axis; said support element having an inner support dimension and an outer support dimension; said inner support dimension being substantially equal with said diametral dimension, said support element flexing to establish a mutual interference relation among said rod, said support element and said toroidal element in an installed orientation with said toroidal element located in said encircling relation with said support element and said rod, with said rod traversing said support element substantially along said longitudinal axis, and with said support element extending beyond said toroidal element along said longitudinal axis in two directions; said mutual interference relation resisting dislodgment of said toroidal element and said support element from said installed orientation.

9. An apparatus for fixedly situating a toroidal element in encircling relation with a rod in an electrical circuit as recited in Claim 8 wherein said resisting dislodgment is effected by said outer support dimension being greater than said inner toroidal dimension generally adjacent said toroidal element.

10. An apparatus for fixedly situating a toroidal element in encircling relation with a rod in an electrical circuit as recited in Claim 8 wherein said resisting dislodgment is effected by said outer support dimension and said inner toroidal dimension being appropriate to establish a gripping relation between said toroidal element and said support element.

11. An inductive apparatus configured for maintaining an installed orientation with respect to a rod within an electrical device during operation; said rod having a diametral dimension; the apparatus comprising: a generally toroidal inductive element presenting an aperture having an inner toroid dimension greater than said diametral

dimension; an insulative coating at least partially covering said inductive element in a manner reducing said inner toroid dimension appropriately to establish a gripping relation between the inductive apparatus and said rod in an installed orientation with said rod traversing said aperture.

12. An inductive apparatus configured for maintaining an installed orientation with respect to a rod within an electrical device during operation as recited in Claim 11, wherein said insulative coating substantially fills said aperture; said rod piercing said insulative coating in traversing said aperture to achieve said installed orientation.

13. A method for installing an inductive toroidal element upon a rod in an electrical device; said rod having a first longitudinal axis and a diametral dimension; said toroidal element presenting an aperture having an inner toroid dimension; the method comprising the steps of:

(a) providing a flexible insulative support member; said support member having a second longitudinal axis extending from a first end to a second end, an inner support dimension generally equal to said diametral dimension and an outer support dimension generally equal to said inner toroid dimension;

(b) flexing said support member to situate said support member within said aperture with said toroidal element intermediate said first end and said second end to establish an assembly;

(c) situating said assembly upon said rod with said first longitudinal axis generally aligned with said second longitudinal axis; and

(d) slidingly positioning said assembly with respect to said rod to achieve an operational locus.